

The Florence Tribune.

VOL. VIII.

FLORENCE, PINAL COUNTY, ARIZONA, SATURDAY, JULY 29, 1899.

NO. 31.

PROFESSIONAL CARDS.

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DENTIST AND EYE, Phoenix, Arizona.

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The finest of Wines, Liquors
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Is constantly supplied with Fat Beef, which will be furnished customers at the lowest cash prices. We buy for cash and are compelled to sell for cash, and will use our best endeavors to guarantee satisfaction to our customers.

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Table supplied with the best
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Elegantly Furnished Rooms

AND ALL MODERN APPOINTMENTS.

Bar Constantly Supplied With
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Sell cheap for cash.

Corner 10th and Bailey streets,

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WATER WANTED.

WHILE BILLIONS OF GALLONS RUN
TO WASTE.

What Recent Government Investigations
Disclose in Regard to Irrigation
Possibilities in Arizona.

Good Indians and Industrious White Men
Who Are Practically Destitute
for Lack of Water.

An Exceptionally Favorable Opportunity
to Inaugurate the Much-talked-
of System of Federal Irriga-
tion.

[From the Los Angeles Times, July 10.]
J. B. Lippincott, the representative in Los Angeles of the Hydrographic Office of the United States Geographical Survey, furnishes The Times the following irrigation possibilities in Arizona:

"The Gila River Indian reservation is situated about eighteen miles south of Phoenix, and extends along the Gila River for a distance of nearly fifty miles. Here are located the Pima and Maricopa Indians to the number of nearly five thousand. These Indians are known throughout the Territory as 'good Indians.' They have always been peaceful in their habits, and agricultural or pastoral in their pursuits. They are now cultivating the lands where the prehistoric races built the now-ruined Casa Grande and its neighboring canals. Irrigation has been practiced in this valley from prehistoric times. Many ancient ditches can be traced across the plain, showing evidence of engineering skill, and testifying to the fact that large volumes of water were at one time carried.

"The Pimas and Maricopas have been, until recently, a self-sustaining nation. They raise their crops of grain and corn with a skill equal to that of the whites. The settlers, seeing the results which the Indians have produced through the operation of the desert land act, brought under cultivation much land in the valley of the Gila, adjacent to this reservation, and have built extensive canals between Florence and the railroad station of Casa Grande. Under the provision of the United States law, all land bought under the desert-land act must be made productive by the application of water. In order to comply with the provisions of this law, the settler was compelled to make diversions from the Gila River at points above the Indian reservation. Other lands were taken up under similar conditions on the upper portion of the Gila River. These diversions by the whites quickly depleted the Indians of their water supply, and for the past five years they have been left on the desert without water for their crops and scarcely enough for their horses. They are put in the position of either having to steal, starve or be fed as public wards, and the government has been forced to issue rations to them and feed them as it does the soldiers. Numerous court decisions have been rendered establishing beyond controversy the fact that the Indian has the prior and better right to the water, but the whites have maintained their water supply despite the dictates of the court. The development of this newer civilization has become so extensive that to cut off its water supply would mean the desolation of many thousands of acres of fine farms and orchards. Evidently, the situation is a difficult one, and the Indian Bureau is hard pressed for a proper answer.

"In 1896 an allotment of \$3500 was made from the appropriation for the Indian Office for a preliminary investigation of the available water supply for these Indians. Mr. Newell was instructed to make this investigation by the Secretary of the Interior, and he delegated Arthur P. Davis to take the matter up in the field. The surveys were necessarily of a preliminary nature, but the storage possibility of the Gila River was fully demonstrated. It was shown that this stream drained about fifteen thousand square miles of the high plateau and mountain region of Eastern Arizona, and that the river is remarkable for its exceedingly light grade. Consequently, the storage possibilities of the stream are great. Recommendations were made by Mr. Davis calling for further and more accurate surveys, and in the spring of 1899 Congress passed a second appropriation of \$20,000 for the completion of this investigation. The hydrographic department of the Geological Survey was again delegated as the proper office to conduct these surveys.

"The Gila River derives its source from the White Mountains in western New Mexico, and eastern Arizona, which rise to elevations of from ten to twelve thousand feet. At the point where it issues from its mountainous basin, there are over twelve thousand square miles draining through its canyons. The basin has been extensively explored, and three large reservoir sites located and surveyed. The capacity of these reservoir sites has been determined and findings have been made under the United States laws for their segregation from the public domain. At a point known as the Buttes a dam 150 feet in height above the bed of the stream will store enough water to cover 174,000 acres one foot deep, or, as it is technically expressed, 174,000 acre feet. A dam at this point would be approximately 300 feet long at the bed of the stream and 800 feet at its crest. At Riverside, Ariz., it was found that a dam 350 feet long at its base, and approximately 300 feet long on top will store a much greater quantity of water, the surveys at this site being still incomplete. At San Carlos, on the Apache Reservation, the river passes through a narrow gorge 100 feet wide, and a dam at this point 150 feet high would be but 300 feet long at the crest. Such a dam would store 301,000 acre one foot deep.

"Extensive explorations have been made to determine the depth of bed rock at each one of these dam sites. At the Buttes the bed rock is disappointingly deep, the depths ranging in the center of the channel from 75 to 124 feet beneath the surface of the stream. At Riverside the maximum depth on the axis of the dam is approximately seventy-five feet, while at San Carlos the depth of bed rock is believed to be substantially less than at either of the other dam sites.

"The records of the flow of the Gila River have been kept at the Buttes for a number

of years, and the estimates of available water supply are, therefore, based on actual measurements, not on surmises. The ordinary flow of this stream is ample to fill the largest of these reservoirs, and on the driest years of which we have a record it has been as great as 200,000 acre feet.

"It will be seen by the above figures that the possibility of storing water on this stream is very great. It is doubtful if it has any equal in this line among all the streams of arid America. The San Carlos dam site, particularly, is one of unusual merit. The size of the necessary dam, the available water supply, the great storage basin, and the proximity of railroad facilities are perfect; while the other two sites also have features of merit.

"The duty of water in Southern Arizona is greater than in California. For the raising of the staple crop of alfalfa, a depth of twenty-four inches of water is ordinarily applied to the land, which is equivalent to a flow for six months of one minute's inch to each three and one-half acres. On this basis, the San Carlos site will furnish enough water to irrigate over 150,000 acres of land. If it is assumed that each two acres will support one inhabitant, this would permit of a population of 75,000 souls to be sustained from this reservoir.

"These figures are more startling when the fact is realized that at the present time all of the canals below the San Carlos dam site are absolutely dry, and that the country from the Apache Reservation to the mouth of the Salt River is in a condition of withered drought, with its inhabitants both white and Indian reduced almost to the condition of abject want. It is estimated that 10,000 acres of land should be irrigated on the Gila Indian Reservation in order to relieve the condition of the Indians. This would leave over 100,000 acres that could be irrigated on the public domain. If 100,000 acres of these public lands could be so irrigated and being subdivided into forty-acre tracts, sold to actual settlers, at the rate of \$10 to \$15 per acre, the condition of the Indian would be wholly relieved, and it is probable the government would be reimbursed for its entire outlay. In addition to this, a district offering ideal conditions for irrigation, with a soil which is unexcelled, with a climate that will produce crops in continuous rotation, will be made to support a population of 75,000, and will add to the public wealth of the Territory, on a conservative estimate, over \$4,000,000."

BOARD OF SUPERVISORS.

[Official Proceedings.]

OFFICE BOARD OF EQUALIZATION,
FLORENCE, ARIZ., July 6, 1899.

The Board met pursuant to adjournment.

Present—R. W. Kersey, chairman;
J. F. Mayhew and G. F. Cook, mem-
bers, and F. A. Chamberlin, clerk.

Proceedings of meeting held July 3d were read and upon motion approved.

The Board proceeded to equalize assessments as by law provided, for the year 1899.

Upon motion the Clerk was instructed to notify the following named persons to appear before the Board on the 17th day of July, 1899, and show cause, if any there be, why the additions to their several assessments indicated should not be made:

James E. Arthur, raised on value of 100 acres of land from \$125 to \$250.

Arizona Stage Co., raised on undivided $\frac{1}{2}$ interest in the west 82 feet of block 105, Florence townsite, and improvements from \$75 to \$200; on office furniture from \$20 to \$40.

Manuel Arvizu, raised on 75 feet front on Main street by 75 feet deep; the north 40 feet adjoining the above; 35 feet north of lot 10, block 5, south Florence, and improvements, from \$240 to \$400.

X. Aguirre, raised on cattle from 60 to 75 head.

Harry Argall, added to list, one mow, one rake, one plow and set of harness, \$80.

Arujo, Jose, added to list, spring wagon \$10, harness \$10.

Arizona Land and Improvement Co., raised on lot 3, block 37, Arizona townsite, from \$40 to \$70.

Trinidad Arvizu, raised on improvements on lot 6, block 2, from \$75 to \$150; liquors and merchandise added to list \$50.

Geo. J. Acton, raised on southeast quarter of section 15, township 9 south, range 17 east, 160 acres, from \$300 to \$480; and southwest quarter section 14, township 9 south, range 17 east, 160 acres, from \$400 to \$480; and the northwest quarter section 22, township 9 south, range 17 east, 160 acres, from \$200 to \$480; and the southwest quarter of northwest quarter of section 14, township 9 south, range 17 east, 40 acres, from \$100 to \$120.

B. J. Aldwinke, added to list, saddle \$15, harness \$15, house \$50.

Upon motion the Board adjourned to meet to-morrow at 8 a. m.

Attest: R. W. KERSEY,
Chairman.
F. A. CHAMBERLIN, Clerk.

OFFICE BOARD OF EQUALIZATION,
FLORENCE, ARIZ., July 7, 1899.
The Board met pursuant to adjournment.

Present—R. W. Kersey, chairman;
J. F. Mayhew and G. F. Cook, mem-
bers, and F. A. Chamberlin, clerk.

Proceedings of yesterday were read and approved.

P. R. Brady, Jr., ordered raised on the northwest quarter of block 124, Florence townsite, from \$50 to \$100, and improvements from \$450 to \$550.

Bark & Criswell, ordered raised on cattle, from 750 head, \$9,000, to 1200 \$14,400.

J. H. Braly, ordered raised on southwest quarter of section 31, township 4 south, range 10 east, 160 acres, from \$1,050 to \$1,600; and southwest quarter of northeast quarter section 29, township 4 south, range 10 east, 40 acres, from \$200 to \$400.

Braly, Mrs. M. J., ordered raised on north half of section 20, township 5, range 9, 320 acres, from \$2,000 to \$3,200; and southwest quarter section 20, township 5, range 9, 160 acres, from \$1,000 to \$1,600.

Bennett, Angelina, ordered raised on southeast quarter section 9, township 5, range 9, 160 acres, from \$1,200 to \$1,600.

Beard, W. H., ordered raised on west half of northwest quarter and west half of southwest quarter, section 15, township 5, range 9, 160 acres, from \$1,518 to \$1,800; improvements on same from \$600 to \$1,000; also southeast quarter section 26, township 5, range 8, 160 acres, from \$350 to \$875.

Bennett, Dolores, ordered raised on fractional part of northeast quarter of northeast quarter of northeast quarter section 30, township 6, range 6, 5 acres, from \$35 to \$60.

Renness, Chas. F., ordered raised on southeast quarter section 10, township 6, range 6, 160 acres, with water right, \$600 to \$870.

Robert & De Golyer, ordered raised on cattle 20 head \$240, to 40 head \$480.

Bryan, R. B., ordered raised on west half of section 24, township 6, range 6, 320 acres, and 160 acres water right, from \$1,375 to \$3,420.

Bayless & Berkley, ordered raised on east half of section 8, township 10, range 18, 320 acres, from \$640 to \$960; southwest quarter section 9, township 10, range 18, 160 acres, from \$320 to \$480; and west half of southwest quarter section 27, township 10, range 18, 160 acres, from \$320 to \$480; east half of northeast quarter and east half of southeast quarter section 28, township 10, range 18, 160 acres, from \$320 to \$480; east half of northeast quarter section 33, township 10, range 18, 80 acres, from \$160 to \$240; west half of northwest quarter section 24, township 10, range 18, 80 acres, \$160 to \$240.

Brown & Wills, ordered raised on northeast quarter section 22, township 7, range 16, 160 acres, from \$320 to \$480.

Brandenburg, J. W., ordered added to list, improvements on ranch at Arivale \$150.

Brannaman, R. L., ordered raised on southwest quarter of section 35, township 4, range 14, 160 acres, from \$350 to \$480.

Brown, J. N., raised on northeast quarter and south half of northwest quarter section 31, township 4, range 10, 240 acres, from \$480 to \$1,200; northeast quarter section 23, township 7, range 16, 160 acres, from \$320 to \$480; northeast quarter of southeast quarter and northwest half of northeast quarter and southeast quarter of northeast quarter section 12, township 8, range 16, 160 acres, from \$320 to \$480; west half of southwest quarter and southwest quarter of northwest quarter section 7, township 8, range 17, 120 acres, from \$240 to \$360; southeast quarter of northeast quarter and northwest quarter of northwest quarter section 18, township 8, range 17, 80 acres, from \$160 to \$240; north half of northeast quarter and northeast quarter of southeast quarter and southeast quarter of northeast quarter section 19, township 8, range 17, 160 acres, from \$320 to \$480; west half and southwest quarter of southeast quarter section 20, township 8, range 17, 320 acres, from \$720 to \$1,080; east half and west half of northwest quarter section 29, township 8, range 17, 320 acres, from \$640 to \$960; west half of northwest quarter and southeast quarter of northeast quarter section 33, township 8, range 17, 120 acres, from \$240 to \$360; west half of southwest quarter of southeast quarter of southwest quarter and west half of northwest quarter section 33, township 8, range 17, 200 acres, from \$400 to \$600; east half of northwest half, west half of northeast quarter and southeast quarter section 4, township

9, range 17, 320 acres, from \$640 to \$960; east half of southeast quarter, east half of northeast quarter, northwest quarter of northeast quarter section 9, township 9, range 9, 200 acres, from \$400 to \$600; also raised on cattle from 1600 head \$19,200, to 2000 head \$24,000, J. F. Mayhew voting "no."

Upon motion Board adjourned to meet to-morrow at 7 a. m.

Attest: R. W. KERSEY,
Chairman/
F. A. CHAMBERLIN, Clerk.

OFFICE BOARD OF EQUALIZATION,
FLORENCE, ARIZ., July 8, 1899.
The Board met pursuant to adjournment.

Present—R. W. Kersey, chairman;
J. F. Mayhew and G. F. Cook, mem-
bers, and F. A. Chamberlin, clerk, by
Thos. G. Peyton, deputy.

Proceedings of yesterday were read and approved.

Charaleau, Angelina, ordered raised on southwest quarter of section 5, township 5, range 9, 81 acres, from \$480 to \$810; northwest quarter of section 7, township 5, range 9, 75 acres, from \$450 to \$750; northeast quarter of section 7, township 5, range 9, 119 acres, from \$714 to \$1,190; northwest quarter of section 8, township 5, range 9, 101 acres, from \$606 to \$1,010; northeast quarter of section 8, township 5, range 9, 78 acres, from \$408 to \$780.

Charaleau, Pedro, ordered raised on northeast quarter section 8, township 5, range 9, 160 acres, from \$1,280 to \$1,600; west half of northeast quarter section 24, township 10, range 14, 80 acres, from \$160 to \$400; west half of southeast quarter of section 24, township 10, range 14, 80 acres, from \$100 to \$400.

Chum, Kin, ordered raised on merchandise from \$50 to \$300.

Clark, J. L., ordered raised on northeast quarter of section 15, township 9, range 17, 160 acres, from \$400 to \$480; southwest quarter of southwest quarter section 3, township 9, range 17, 40 acres, southeast quarter of northwest quarter section 10, township 9, range 17, 40 acres, west half of northwest quarter section 10, township 9, range 17, 80 acres, from \$200 to \$480.

Danier, A. J., ordered raised on north half of southeast quarter section 31, township 4, range 10, 62 acres, from \$500 to \$620.

Duray, Y. G., ordered raised on stock horses 40 head from \$125 to \$200.

Dustin, Mrs. Emma J., ordered raised on improvements of lot 5, block 1, also $\frac{1}{4}$ of block 1, lot 4, Western Addition, Florence townsite, from \$350 to \$500.

Draper, Richard, ordered raised on cattle 25 head \$300, to 50 head \$600; also added to list possessory right at Cottonwood \$150.

DeNure, B. B., ordered raised on southwest quarter of section 20, township 6, range 6, 160 acres, from \$480 to \$960; improvements on same from \$100 to \$350.

Day, W. T., ordered added to list house and improvements, Casa Grande, \$250.

Davis, Geo. O., ordered raised on northwest quarter of section 5, township 10, range 18, 160 acres, from \$375 to \$480.

Edoff, J. P., ordered raised on northeast quarter section 10, township 5, range 9, 120 acres, from \$600 to \$1,400.

English, L. L., ordered raised on improvements and 19 acres water right, section 23, from \$200 to \$250.

Upon motion Board adjourned to meet Monday, July 10, at 7 a. m.

Attest: R. W. KERSEY,
Chairman.
F. A. CHAMBERLIN, Clerk,
By Thos. G. PEYTON, Deputy.

It is said that Jack Best, who was arrested above here some time ago and taken to Socorro on the charge of horse stealing, gave bond on his arrival at Socorro and was immediately appointed as a deputy sheriff for Socorro county.

—[Clifton Coepper Era.]

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